



KAISER • HILL  
COMPANY

## MEMORANDUM

Date: December 11, 2002

Minutes are unclassified and  
NOT UCNI: 12-11-02

To: Jan Robbins

From: Pam Arnold

Subject: WEEKLY STATUS MEETING DOE/LRA for December 11, 2002

Attached are the minutes for the referenced weekly meeting for the Operating Record.  
In attendance were:

P. Bakke	S. McNett
D. Coyne	D. Onyskiw
J. Floerke	M. Simmons
D. Foss	S. Thompson
F. Gerdeman	K. Trice
H. Giplin	R. Vonfeldt
R. Leitner	

Additional items discussed: The following items will be dropped from both the Agenda and Weekly Status Report: MAA/PA Closure; Uncleared personnel access to PA; Gloveboxes to Envirocare

Action items:

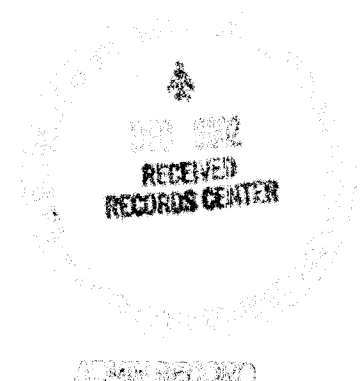
From 11/27/02.

1. The State requested a copy of the current T231A tank sludge removal process procedure and a copy of the rewritten procedure. – D. Coyne  
STATUS: Waiting rewrite of procedure form contractor.

New 12/4/02

1. Both the State and DOE requested copies of the "underslab characterization" work package when complete – Dan Coyne

End



371/4 Project  
WEEKLY STATUS MEETING DOE/LRA for December 11, 2002

B371-A-000112

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**Ward, David**

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**From:** Hoffman, Betty  
**Sent:** Thursday, December 12, 2002 12:00 PM  
**To:** Ward, David; Nesheim, Janet; Green, Ken  
**Cc:** Pennell, Jeffrey  
**Subject:** RE:

The weekly DOP minutes of December 11, 2002, , in two parts, along with the transmittal memorandum for December 4, 2002, are Unclassified/Not UCNI.

Betty Hoffman

-----Original Message-----

**From:** Ward, David  
**Sent:** Thursday, December 12, 2002 11:47 AM  
**To:** Nesheim, Janet; Green, Ken; Hoffman, Betty  
**Cc:** Pennell, Jeffrey  
**Subject:**

Attached is the weekly DOP minutes, in two parts, along with the transmittal memorandum for December 4. All three documents have been reviewed by Jim Floerke, who has signed on the cover page of the transmittal memorandum, that they are unclassified and NOT UCNI.

Your return E-mail indicating approval will accompany the minutes to the Administrative Record for access by the public.

David

<< File: TRANSMITTAL MINUTES.doc >> << File: Weekly State Status - (12-11-02).doc >> << File: Environmental Matrix.xls >> << File: AGENDA1.doc >>

**B371 CLOSURE PROJECT**  
**WEEKLY STATUS MEETING** [Every Wednesday, 9:30 a.m. *B371 Conference Room*]  
**December 11, 2002**  
**AGENDA**

**9:30 am INTRODUCTION** – *David Ward, X5938 (212-2578)*

**D&D** – *Jim Floerke, X2850, (212-3292)*

- Sets Status
- Tanks
- MAA/PA Closure
- Uncleared Personnel Access to PA

**D&D WASTE** – *Randy Leitner, X3537, (212-2174)*

- Gloveboxes to Envirocare
- 3000 legacy drums

**CONSTRUCTION / MAINTENANCE** – *Dan Coyne, X2820 (212-6200)*

- B374
- Set 5 Dismantlement
- Set 21 Dismantlement
- Area AQ Demolition (B371)
- Area AM Dismantlement (attic reagent tanks)
- Install TGA Equipment
- Upgrade Bldg. Ventilation
- Room 3701 Security Upgrades
- Room 3602 Parts Crushing
- B371/4 Demolition Contract
- B371 Characterization Paint Samples
- B371 Under-slab Characterization

**PuSPS** – *Randy Leitner, X3537, (212-2174)*

**AUTHORIZATION BASIS/BIO** – *Howard Giplin, X3701 (212-3603)*

**ENVIRONMENTAL & ACTION ITEMS** – *David Ward, X5938 (212-2578)*

OUTSTANDING ACTION ITEMS:

1. State requested the fact-finding meeting minutes and the corrective actions for the spill that occurred during the T231A tank sludge removal process. COMPLETE – J. Floerke
2. State requested copies of the current T231A tank sludge removal process procedure and the rewritten procedure. – J. Floerke
3. Inform the State of the schedule for the Manager Review of the TGA. COMPLETE - J. Floerke
4. Both the State and DOE requested copies of the “underslab characterization” work package when complete – Dan Coyne

**D&D Summary (AAC/AAD)**  
**Week Ending 11/22/02**

<b>D&amp;D</b>
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**Set 3 (1AD103BD00)**

- Mechanical stripout in process.
- Electrical isolation and stripout is complete.

**Set 4 (1AD104BD00)**

- Mechanical stripout package due from P/E November 27.
- Electrical isolation and stripout is complete.

**Set 5 (1AD105BD00)**

- Mechanical stripout for tanks completed. Tank removal in process.
- Electrical isolation and stripout is complete.

**Set 6 (1AQ31DR02B)**

- Scanning of tanks in rooms is complete.
- Engineering and Planning activities in process. (Initiate D&D in Room 3563)
- Electrical isolation and stripout package due from P/E December 30.

**Set 7 Dismantlement (1AD107BD00)**

- Electrical dismantlement (Room 3305) is complete.
- Ancillary equipment mechanical isolation (Room 3305) is 95% complete.
- GB 36, 37, 38, and 75 are 100% complete.
- Room 3303 - Electrical and mechanical strip-out is in process.

**Set 8 Tank Cerium Decon (1AD108DH00)**

- Strip-out package pending, based on coupon results.
- Coupon removal activities on hold.

**Set 9 (CSV)**

- Work package planning and engineering under way to support disposal of 1,147 container pallets.
- Preparing for decon and rad characterization entries into repair bay, pending resource assignment.

**Set 12 Dismantlement (1AD112BD00)**

- Dismantlement engineering/planning pending resource assignment.

**Set 13 Dismantlement (1AD113BD00)**

- Electrical isolation and stripout in process.
- Dismantlement planning and engineering activities in process.

**Set 14 Dismantlement (1AD114BD00)**

- Electrical isolation is 95% complete.
- Mechanical isolation package is 80% complete.
- Equipment removal from Room 2339 continues.
- GB 7, 9, and 12 - Removal is 100% complete.
- GB 10 - Internal component removal is 100% complete.
- GB 13 - Internal component removal is 100% complete. Initiating removal.
- GB 8 - Internal component removal is 100% complete.

**Set 16 Dismantlement (1AD116BD00)**

- Electrical isolation and stripout package due from P/E January 7.
- Mechanical isolation and stripout package due from P/E January 13.

**Set 25 Dismantlement (1AD125BD00)**

- Electrical stripout complete.
- Mechanical stripout in process. All internal components removed.
- GB 48 and 49 removed.
- Working GB 50 and 51.

**Set 34 Dismantlement (1AD134BD00)**

- TGS drum counting equipment removed. Set scope complete.

**Set 56 Dismantlement (1AD456BD00)**

- Mechanical stripout package is ready to work pending resource assignment.
- Electrical strip out is complete.

**Set 58 Dismantlement (1AD458BD00)**

- Electrical isolation and stripout in process.
- Mechanical isolation and stripout package ready to work pending resource assignment.
- GB 118/120 stripout package at P/E.

**Tanks**

- Set 12 - Raschig ring removal in process. (1AC112ET00)
  - Completed for Room 1105 (Tanks 131A, 229A, and 229B) and Room 1115 (Tanks 400A, 400B, 400C, 160A, and 160B).
  - Removing rings from Tank 2B in Room 1117.
  - SCO surveys completed on Tanks T30, T31, T10, 238A/B, and 240A/B. All meet SCO.
- Set 10 - Ring Removal package ready to work. (1AC110ET00)

**MAA/PA Closure (1AC11PNN20)**

- Working with Material Stewardship on next revision to plan. Building personnel reviewing draft.

<b>D&amp;D Waste</b>
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**Send gloveboxes to Envirocare with all lead remaining**

- A total of 7 cargo containers are now loaded and ready to ship.

### Repackage/disposition the remaining 3000 legacy drums

- Starting inventory (May 3, 2002) = 3,163 (revised to include 220 in B374)
- November 26, 2002 inventory = 1,830

<u>Drum Category</u>	<u># 55 Gallon Drums</u>
No glovebox processing	687
Drum repack (e.g. c-cell)	227
Glovebox processing	69
Empty	111
Unknown - Standards (Waiting disposition)	53
Unknown - Disposition	8
New Generation/New empty	529
<b>Building 371 Total</b>	<b>1,684</b>
<b>Building 374 Total</b>	<b>146</b>
<b>Grand Total</b>	<b>1,830</b>
Net Drum Loss for Week	41
Material Stewardship containers received to date	51

## CONSTRUCTION / MAINTENANCE

### B374

- 231 Sludge Removal - Implementing corrective actions resulting from line separation.
- Tank Sludge Removal - Sludge removal strategy being developed to package sludge in DOT containers and consider off-site treatment.

### Set 5 Dismantlement [Tank Removal] (1AD105BD00)

- Commenced removal of tank.

### Set 21 Dismantlement (1AD421BD00)

- Electrical isolation in process.

### Area AQ Demolition - B381 and UST (1AD1AQGX20)

- UST
  - Ready to fill tanks. Slurry truck ordered.

### Area AM Dismantlement [Rooms 4101, 4102, 4103 and 4104] (1AD1AMBX00)

- Removed 1 additional tank. Continuing with mechanical removal. Electrical removal in 4101 and 4102.

### Install TGA that Measures Moisture in PuSPS

- Blind sample and SO testing complete. V&V testing of procedures in process. Readiness Review (MR) expected to begin the week of December 2.

### Upgrade Building Ventilation System

- Removal of in-line supplies filters re-started. Approximately 150 of 210 filters removed in attic.

### Room 3701 Security Upgrades

- Package for duress buttons in process. Conduit being installed. Should complete December 6, pending Alarm Tech support.

### Room 3602 Parts Crushing

- Five parts crushed and packaged. Looking at new sizing methods.

#### **B371/374 Demolition Contract**

- Internal KH reviews in process. Expect to transmit the package to DOE in December 2002.

#### **B371 Characterization Paint Samples**

- 310 of 390 samples taken.

#### **B371 Underslab Characterization**

- Commencing development of work package. Awaiting input from RISS environmental.

#### **B371 West Wall Removal**

- Carpet removal commenced.
- Furniture removed.
- Remaining personnel re-located.
- Electrical demo expected to begin the week of December 2

<b>PuSPS</b>
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There are a total of **1194** good cans that are in final review; this is an increase of 3 cans from last week. Of those:

- **1167** have data packages and are ready to ship; this is an increase of 23 cans from last week.
- There are 1076 POC's to be sent to WIPP; waiting on ROD to be signed.

#### **Campaign II Start-Up (<80% material @ approximately 400 batches)**

- Preparation for pre-batching/pre-treatment (room 3602) in process
- The Readiness Assessment for pre-batching has been completed. There were 7 pre-start findings. Once they are closed, pre-batching operations will commence.
- TGAIR system is in dry run, training, and procedure verification.
- Authorization documentation for TGAIR was completed
- Operating procedure changes will be issued this week to support processing <80% material.

#### **Sizing of Composites (analyzing the optional method of processing)**

Decision not to put 15 Pu/tantalum parts in 3013 cans. Still need decision on packaging method (from RFFO and Savannah River).

**ENVIRONMENTAL STATUS**  
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/dle Equip. #	Status
3517	3		Tanks: D132A/B/C	MRT	Raschig Rings removed from Tanks D132A/B/C. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
3517	3		Tanks: D64, D65		
3517	3		Nitric Acid Recirc pump 31-11, P28A	IE: 0049	
3517	3		Nitric Acid Recirc pump 31-11, P28B	IE: 0050	
3517	3		Nitric Acid Recirc pump 31-11, P29A	IE: 0051	
3517	3		Nitric Acid Recirc pump 31-11, P29B	IE: 0052	
3517	3		Nitric Acid pump 31-15, P63	IE: 054	
3517	3		Pumps P-28A/B, P-29A/B	IE: 0107	
3517	3		Pumps P-33A/B, P-34A/B	IE: 0109	
3571	4		Tanks: D133, D150, D151, D152A/B	MRT	Raschig Rings removed from Tanks D152A and D152B. No visible sludge or rings remaining; these tanks will be closed pursuant to "Unit Removal without On-Site Treatment" (Section 5.1.3, Component Removal RSOP) and dispositioned as non-hazardous waste.
3571	4		Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62	MRT	
3571	4		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	
3571	4		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	
3571	4		Pumps 33 A/B, 34A/B	IE: 0109	
3573	5		Tanks: D134A/B/C, D135A/B, D289A/B, D289C.	MRT	Tanks 289A,B,C, 134A,B,C and 135A, B has been removed. Room is empty of tanks
3543	6		Container Storage - Room	90.4	
3545	6		Spent Resin transfer Pump 31-11, P-18	IE: 0067	
3549	6		Tanks: T6A/B/C/D, T-7A/B/C/D, T-9A/B, D-68A/B, D-173A/B,	MRT	
3553	6		Tanks: T-4A/B/C, T-5A/B/C, T-28A/B/C, D-66A/B, D-72A/B,	MRT	
3553	6		Evaporator 31-14, P60A, P-66B	IE: 0068	
3553	6		Evaporator Pump 31-14, P-60B P-66B	IE: 0069	

**ENVIRONMENTAL STATUS**  
**REGULATED ITEMS**

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3559	6		Tanks: D-50A/B, D-51A/B, D-55A/B, D59, D-69A/B/C	MRT	
3559	6		Additives Measuring Tank 31-11, D-63A	IE: 0072	
3559	6		Additives measuring Tank 31-11, D63B	IE: 0073	
3563	6		Tanks: D-49A/B/C/D, D-52A/B	MRT	
3563	6		Additives Measuring Tank 31-11, D-57A	IE: 0075	
3563	6		Additives measuring Tank 31-11, D57B	IE: 0076	
3563	6		Additives measuring Tank 31-11, D57C	IE: 0077	
3563	6		Additives measuring Tank 31-11, D57D	IE: 0078	
3567A	6		Container Storage - Room	90.8	
3303	7		Mixed Residue Tank - Ancillary Equipment only	MRT	
3305	7		Container Storage - Room	371.1A	The container storage refers to 3 crated gloveboxes only. All 3 gloveboxes have been uncrated, characterized, and wrapped for storage. They are temporarily stored in room 3408 until a size reduction/decontamination tent is constructed. The gloveboxes will either be further decontaminated to meet SCO or the lead will be removed for disposal.
3305	7		Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	IE: 0122	All pumps have been removed and wasted as RCRA non-hazardous.
3305	7		Mixed Residue Tank - Ancillary Equipment only	MRT	
3305	7		Mixed Residue Piping in room 3305	MRT	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
3305	7		Container Storage - Glovebox 37C	90.104	GB37C has been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
3315	7		Container Storage - Room	371.1A	
1208	9		Vault Container Storage	371.1C	RCRA Stable 7/9/02
1101	12		Vault Container Storage	371.1C	
1103	12		CWTS: GB 2402, 2403	371.3A	
1103	12		CWTS: Tanks 2401A/B/C/D, 2402A/B, and 2403	371.3A	
1103	12		Container Storage - Room	371.1A	
1105	12		CWTS: GB 401	371.3A	

**ENVIRONMENTAL STATUS**  
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
1105	12		Tanks: Utility Scrubbers D131A/B		
1107	12		Tanks: D-44A-1, D-44A-2, D-44A-4, D-44A-5, D-44A-6, D-44B-1, D-44B-2, D-44B-4, D-44B-5, D-44B-6	MRT	
1109	12		Tanks: D-43A-1, D-43A-2, D-43A-3, D-43A-4, D-43A-5, D-43B-1, D-43B-2, D-43B-3, D-43B-4, D-43B-5	MRT	
1111	12		Container Storage - Room	90.14	Not currently in Permit - to be closed
1113	12		Master process control and alarm panel	N/A	
1115	12		CWTS: GB 18, 23, 2404	371.3A	
1115	12		Container Storage - Room	90.19	Not currently in Permit - to be closed
1115	12		Tanks: D-160A/B/D-400A/B/D, D-179	MRT	Raschig Rings removed from tank 400C
1115	12		Pumps P-140, P-141A, P-141B	IE: 0013	
1117	12		Tanks D-2A/B, D-157A/B, D-238A/B, D240A/B, D170, D171	MRT	
1117	12		Wash Liquid Pump 31-17, P-182	IE: 0008	
1117	12		HAS Waste Pump 34-04, P4B, Tank D4B from E9, T10 to 2, D811	IE: 0009	
1117	12		HAS Waste Pump 34-04, P3A, Tank D3A, from E1, E80 to D811	IE: 0010	
1117	12		HAS Waste Pump 34-04, P3B, Tank D3B, from E1, E80 to D811	IE: 0011	
1117	12		HAS Waste Pump 34-04, P4A, Tank D4A, from E9-E10 to D2, D811	IE: 0012	
1117	12		Pumps P-181 and P-182	IE: 0014	
1125	12		Pumps P-5A/B, P-6A/B, P-7A/B, P-15A/B, P-27A/B, P-107A/B, JP-108A/B	IE: 0015	
1127	12		Tanks: D-293A/B	MRT	Need to remove RRs and evaluate for Idle Equipment
2307	13		Pumps P-21A, P-914	IE: 0117	
2317	13		Tank D-292A/B	MRT	Raschig Rings removed from all Tanks. No visible sludge or rings remaining. They will be dispositioned as non-regulated, non-hazardous.
2317	13		Tank D933		Evaluate for Idle Equipment
2317	13		Pumps P-85A/B/C; P-27A, B, C	IE: 0119	

**ENVIRONMENTAL STATUS**  
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
2317	13		Tanks D922A/B	None	Raschig Rings removed from all Tanks. No visible sludge or rings remaining. They will be dispositioned as non-regulated, non-hazardous.
2317	13		Tanks D67, D277A/B, D912, D914, D916, D922 A/B		Evaluating for Idle Equipment and inspection frequency.
2325	14		Container Storage - Room	371.1A	
2325	14		GB 7 & 9	53	Old cementation process - RCRA unit. GB 7 and GB 9 has been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
2325	14		Mixed Residue Piping in room 2325	MRT	Piping to be removed using the walls in the room as the boundary. The piping portion of the unit will be closed using Clean Closure Option #1 under the B371/4 DOP.
2223	15		Tanks D934A/B	MRT	Tanks were removed and closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
2223	15		Mixed Residue Piping in room 2223	MRT	
3511	16		Container Storage - Room	90.71	
3521	16		Tank D-70	IE: 0055	Tank not listed in Table 3, DOP Set Descriptions
3523	16		Tanks T-23A/B/C/D	IE: 0104	
	16		Tanks: T-11 A/B/C/D, T-12 A/B/C/D, T13 A/B/C/D		Evaluating for Idle Equipment and inspection frequency.
3801	18		Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A/B	374.3	Tank D816 has been declared RCRA Stable and transferred to D&D. Approved for quarterly inspections
3805	18		Tanks: D942	374.3	
2804	19		Tanks: D801A/B/C, D802A/B/C, D804A/B/C/D, D811 A/B, D824A/B, D843, D852, D875, D847, D851	374.3	Tank D843 has been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
3801	21		Tank: D826C	374.3	
3809	21		Tanks: D883A/B	374.3	Tanks D883A/B have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
3810	21		Tank: D878	374.3	D878 has been declared RCRA stable and transferred to D&D. Approved for quarterly inspections.
4802	21		Spray Dryer Baghouse FL803	374.3	FL803 has been declared RCRA stable and transferred to D&D. Approved for quarterly inspections
4812	21		Spray Chamber W803	374.3	W803 has been declared RCRA stable and transferred to D&D. Approved for quarterly inspections

**ENVIRONMENTAL STATUS**  
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
3408	24		GB Storage - GB's 72B/C	371.1B	GB's 72B and 72C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment".
3408	24		Mixed Residue Tank - Ancillary Equipment only	MRT	
3412	25		Container Storage - racks only	371.1A	RCRA Stable 9/25/02
3412	25		GB Storage - GB's 47, 48A/B/C, 50A/B, 51A/B/C/E	371.1B	RCRA Stable 9/25/02; GB 48 A,B&C have been closed by "Unit Removal in Conjunction with 'Debris Rule' Treatment" 11/11/02.
3801	56		Tanks: D806, D807A/B, D808, D812, D813, D814, D815, Polishing Filter FL831	374.3	Tanks D806, D807A/B, D808, D813, D814, and D815, have been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
3801	56		GB Storage - GB's 107 and 113	374.3	
3810	57		Tank: D827	374.3	Tanks D827 has been declared RCRA Stable and transferred to D&D. Approved for quarterly inspections
4814	57		Tanks: D830, D832, D834, D876, D879	374.3	Tanks D832, D834, and D876 have been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
Outside	57		T802, T803, T804, T805	374.3	Tanks T802, T803, T804, and T805 have been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
4805	58		Tanks: D825A/B, D848	374.3	Tanks: 825A/B, D848 have been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
4807	58		Tanks: D844A/B	374.3	Tanks: D844A/B have been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
3803/4805	58		Sludge Dryer W801, dry Sludge Hopper: H3, FL802A/B, H3, CV813A/B	374.3	Sludge Dryer, Hopper, FL802A/B, H3, CV813A/B have been declared RCRA Stable and transferred to D&D. Approved for quarterly inspection.
3301		AJ	Container Storage - Room	371.1A	
3315		AJ	GB Storage - GB#32	371.1B	RCRA Stable 6/20/02
4101		AM	Tanks: D2860, D206, D208, D211, D212, D213, D214, D216, D217, D251, D841, D837A/B, D383A/B, D849A/B, D839A/B, D840A/B, D850		Evaluating for Idle Equipment and inspection frequency.
4103		AM	Tanks: D200, D241, D242, D243		Evaluating for Idle Equipment and inspection frequency.
4103		AM	Electric Motor/Pump		Evaluating for Idle Equipment and inspection frequency.
4104		AM	Tank D250	IE: 371-01	Contains approximately 200 gallons of HNO <sub>3</sub> 7.5 N + 1% H <sub>2</sub> SO <sub>4</sub> . Greater than 2% of volume; remaining liquid is RCRA waste.

**ENVIRONMENTAL STATUS**  
REGULATED ITEMS

Location	SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	Status
4104		AM	Tank D254A	IE: 371-02	Contents neutralized and drained
4104		AM	Tank D205	IE: 371-03	Contents neutralized and drained

12/12/02

13/13